

LISTING OF CLAIMS

1. (currently amended) An electrical equipment enclosure comprising:
an electrical enclosure having an accessible front exterior surface;
electrical power monitoring or metering equipment mounted in said electrical enclosure;
and
a pair of Ethernet communication ports mounted to said enclosure and operatively coupled with said electrical power monitoring or metering equipment for connecting said electrical power monitoring or metering equipment with equipment outside of said enclosure, one of said ports being inaccessible from outside said enclosure when said enclosure is installed, the other of said ports being accessible from outside said enclosure when said enclosure is installed to enable coupling of said power monitoring or metering equipment inside said enclosure to an Ethernet outside said enclosure.
2. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is a power distribution enclosure.
3. (previously presented) The electrical equipment enclosure of claim 1 wherein said enclosure is a control center.
4. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is a circuit breaker panel enclosure.
5. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an electrical switchgear cabinet.
6. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an electrical unit substation.
7. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an electrical distribution switchboard.
8. (currently amended) The electrical equipment enclosure of claim 1 and further including an Ethernet hub providing a plurality of Ethernet connection ports mounted inside of said enclosure and operatively connected with said Ethernet communication ports and with said power monitoring or metering equipment.

9. (previously presented) The electrical equipment enclosure of claim 1 wherein said enclosure has an accessible front surface, and wherein said accessible port is mounted to said front surface.

10. (previously presented) The electrical equipment enclosure of claim 1 wherein said accessible port is accessible wirelessly.

11. (previously presented) The electrical equipment enclosure of claim 9 wherein said accessible port is accessible via infrared radiation.

12. (currently amended) A method of providing a local communications connection for electrical power monitoring or metering equipment mounted inside of an electrical enclosure comprising:

coupling said electrical power monitoring or metering equipment inside said enclosure to at least one external Ethernet outside of said enclosure through a pair of Ethernet communications ports mounted to said enclosure and operatively coupled with said electrical power monitoring or metering equipment, one of said ports being inaccessible from outside said enclosure when said enclosure is installed, the other of said ports being accessible from outside said enclosure when said enclosure is installed to enable coupling of said power monitoring or metering equipment inside said enclosure to an Ethernet outside said enclosure.

13. (cancelled) The method of claim 12 which includes communicating with said power monitoring equipment through said communications port via Ethernet.

14. (currently amended) The method of claim 12 which includes communicating with said power monitoring or metering equipment through said accessible port wirelessly.

15. (currently amended) The method of claim 14 which includes communicating with said power monitoring or metering equipment via infrared radiation.

16. (currently amended) The electrical equipment enclosure of claim 1 wherein said electrical power monitoring or metering equipment is power monitoring equipment.

17. (currently amended) The electrical equipment enclosure of claim 1 wherein said electrical power monitoring or metering equipment is networked power monitoring equipment.

18. (Canceled) The method of claim 12 wherein said electrical power monitoring or metering equipment is power monitoring equipment.

19. (Currently Amended) The method of claim 12 wherein said electrical power monitoring or metering equipment is networked ~~power monitoring~~ equipment.